



CPUC Commissioner Committee on Emerging Trends



**CPUC Office of the Safety Advocate (OSA)
2017 in Review
Roadmap: 2018 and beyond**

December 13, 2017





Agenda

- 1. Introduction**
- 2. 2017 in Review**
- 3. Roadmap: 2018 and beyond**





Introduction

Office of the Safety Advocate Overview

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- Advocate for improvements to public utility safety management systems, safety culture, and aging infrastructure.
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Mission

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2017 in Review: Proceedings

SoCalGas/SDG&E
2019 GRC
A.17-10-007/008

Gill Ranch Gas Storage Reorg A.17-02-003: Pending Motion to adopt Settlement Agreement

PG&E 2017
RAMP
I.17-11-003

Wild Goose/Lodi Gas Storage Financial Encumbrance A.17-01-024

PG&E 2019 GT&S A.17-11-009

SoCalGas/SDG&E 2016 Risk Assessment Mitigation Phase
(RAMP) Investigation I.16-10-015/016

PG&E Safety
Culture Oil
Investigation
I.15-08-009

Safety Model Assessment Proceeding (SMAP) A.15-05-002, et al

* Metrics Technical Working Group: Currently in Comments Phase

* Risk Assessment Model Test Drive Technical Working Group: Currently in Settlement Discussions

January

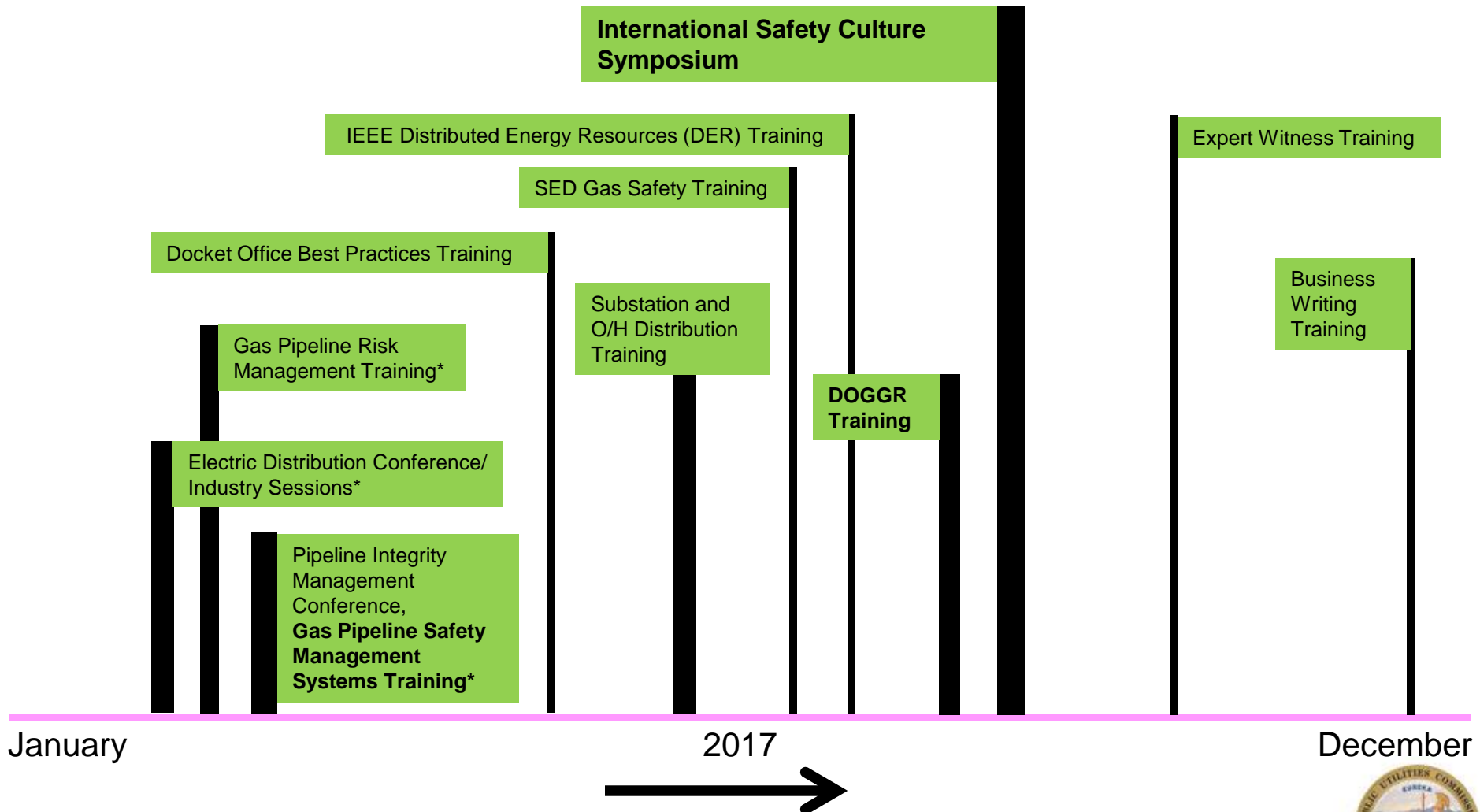
2017

December



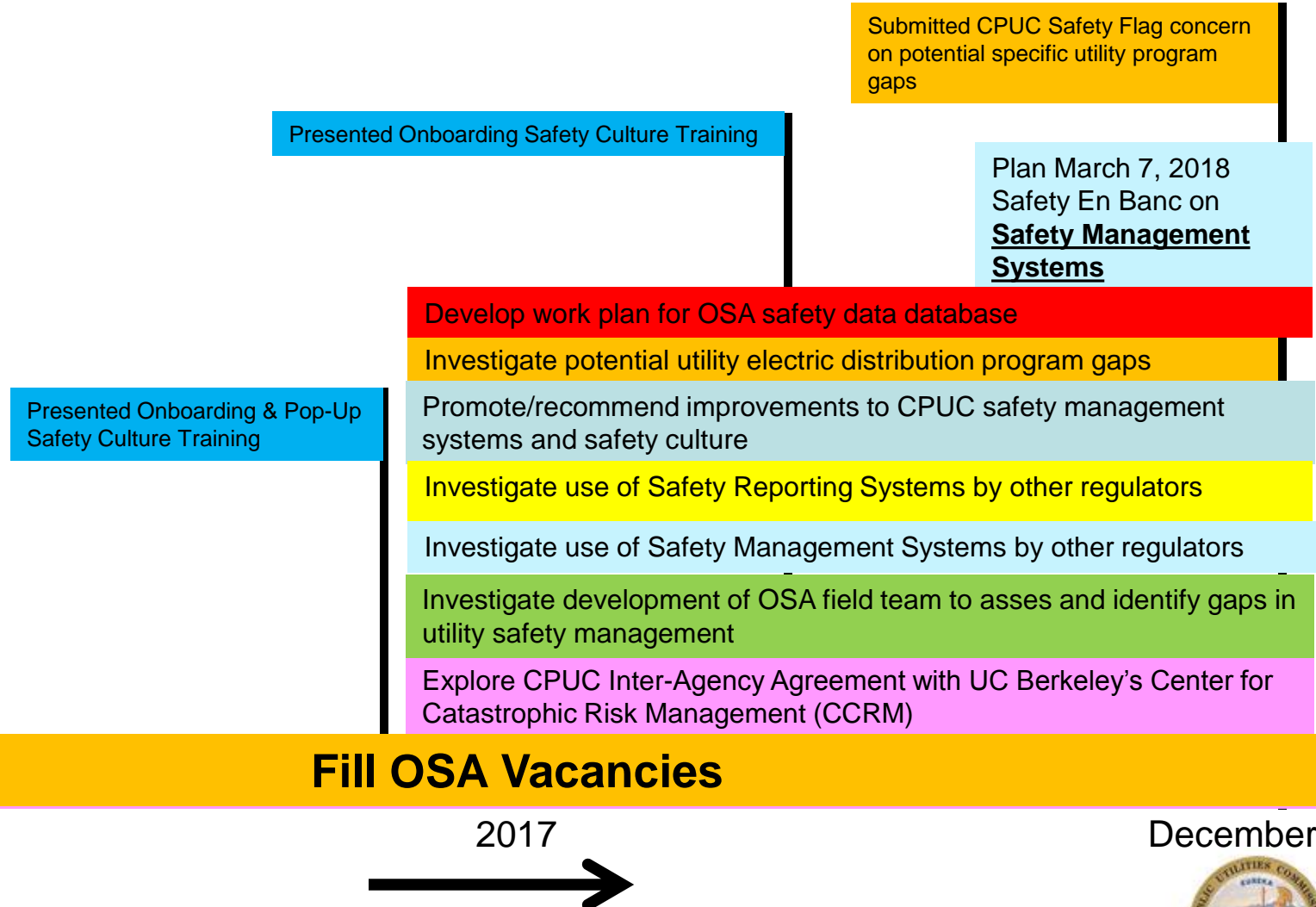


2017 in Review: Conferences/Training



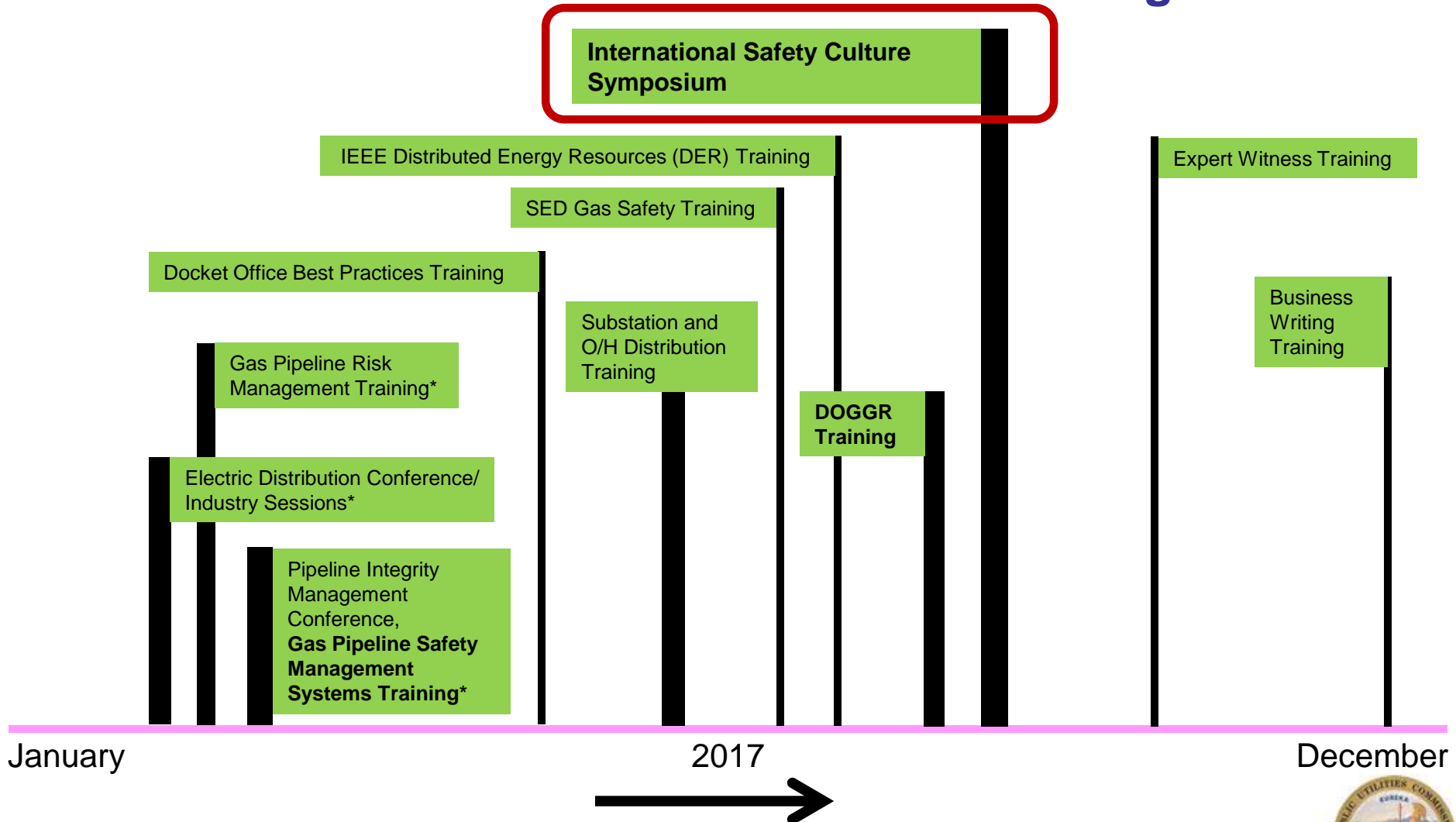


2017 in Review: Other Activities





2017 in Review: Conferences/Training





SUMMIT
2017

SAFETY
CULTURE
SUMMIT
2017

SAFETY
CULTURE
SUMMIT
2017

2ND INTERNATIONAL SAFETY CULTURE SUMMIT

The Westin Nova Scotian, Halifax

October 11&12, 2017

Setting the Agenda for Safety Culture in North America





SUMMIT
2017

SAFETY

2ND INTERNATIONAL SAFETY CULTURE SUMMIT

The Westin Nova Scotian, Halifax

CHAPTER FIVE: DISCUSSION OF FINDINGS

This inductive qualitative study was designed to answer the question: “What new framework best describes/explains regulator safety culture and its influence on industry safety culture and performance?” The experiences of 16 industry and regulator participants were collected and evaluated to understand the various dimensions of a regulator’s safety culture and the manner in which culture influences safety outcomes in the Canadian oil and gas sector.



Comparison of Regulator Safety (Oversight) Cultural Dimensions

Bradley Regulator Safety (Oversight) Culture Dimensions (2016)	Fleming Study Dimensions (2016)	Nuclear Energy Agency (NEA) Regulator Safety Culture Dimensions (2016)	Swiss Federal Nuclear Regulatory Inspectorate Oversight Culture Dimensions (2015)
Leadership and Political Independence	Leadership commitment to creating a positive safety culture Commitment to high ethical standards	Leadership for safety Individual responsibility and accountability	
Learning Culture	Commitment to transparency and open communication	Cooperation and open communication Learning (and continuous improvement)	Overarching collaboration and mutual knowledge and understanding
Innovation	Desire for continuous learning and self-improvement	(Learning and) continuous improvement	Self-reflection and improved oversight
Technical Excellence			Competence and Professionalism
Risk Consciousness	Proactive, risk informed, and flexible approach to regulation		
Systems Thinking		Systemic approach	



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Roadmap: 2018 & Beyond

CPUC Proceedings:

Maintain and expand involvement in CPUC Proceedings.

Hire additional staff and expand training for new and existing staff to stay current with evolving technology and industry practices.

Compare and contrast utility programs to identify best practices, gaps, and corrective actions

Develop OSA safety data database to support prioritization of OSA work and to support OSA testimony and effectiveness in proceedings.

Utility Safety Management, Culture, Infrastructure:

Explore adoption of Canadian regulator Safety Management System model.

Assess utility Safety Management Systems to identify gaps & corrective actions



2018

CPUC Safety Management, Culture:

Continue to improve OSA Safety Culture onboarding trainings

Use CPUC Adaptive Leadership approach to propose expanded Safety Leadership Training for CPUC staff

Expand use of CPUC lobby displays to promote safety and staff collaboration.

Propose pilot program for CPUC safety culture assessment





Questions

